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26656 Whitehorn Dr., Rancho Palos Verdes, CA 90275

## Education

**Dartmouth College**, Hanover, NH, class of 2012. Computer Science major. Current GPA: 3.86. Casque and Gauntlet Senior Society.

**Chadwick School**, Palos Verdes Peninsula, CA, class of 2008. GPA: 3.87 (4.35 weighted). Cum Laude.

## Skills

LAMP and general Linux system administration (including Bash)

Python (+Django), PHP, MySQL, jQuery, CSS+HTML, Java, C, Haskell

Git, Subversion

Extreme/Agile (including pair programming and strict test-driven and feature-driven development)

Some general design and user experience theory

## Programming Experience

**ReleaseOurData.com, Founder / Dartmouth College, Digital Studies Fellow (Winter 2010-present)**

Project to make public domain images more accessible to educators. Wrote python to “scrape” and consolidate images and metadata from several federal agency websites. Full-time work this Spring funded by Digital Studies Fellowship award from Dartmouth College.

**OpenHatch.org, Tech Intern (winter 2010)**

I joined young startup OpenHatch's staff of two. In addition to front and back-end coding, played a large role in feature design and prioritization. Funded by joint grant award from the Institute for Security, Technology and Society and the Neukom Institute at Dartmouth College.

**Creative Commons, Tech Intern (summer 2009-fall 2009)**

Updated several web services. I was contracted for an additional 5 weeks after my internship ended.

**Students for Free Culture, Sysadmin (fall 2007-spring 2010)**

Interface with chapters and the board, learn what tools they need, translate them into software, and fix things when they break.

**Dartmouth College, Presidential Scholar (summer 2010, spring 2011)**

Research program for students with exceptional GPAs. Built a research tool as a django web app where users give karma ratings to moments in embedded videos in real time.

## Non-programming Experience

**Students for Free Culture, Board of Directors (summer 2010-spring 2011)**

Elected by votes from chapters. Students for Free Culture is a global, chapter-based student activist organization promoting sharing and openness through technology. The board organizes the annual Students for Free Culture conference.

**Neukom Institute, Dartmouth College, Scholar (fall 2010-present)**

I'm working with faculty, staff, and administrators to build an OpenCourseWare system at Dartmouth.

**Tucker Foundation, Dartmouth College, Student Director (summer 2010)**

Worked with a staff liaison to build a two-year reflection program that emphasized community-based learning and integrative learning.

**Teaching assistant for Introductory Computer Science, Dartmouth College (spring 2009)**

Held lab hours and discussion sections, graded assignments and exams.

**Dog Day Players, Member (fall 2010-present)**

Longform improvisational comedy troupe. 6 hours/week of rehearsals and shows.

## Selected Classes

**Software Design and Implementation** -- Built a search engine in C.

**Computer Architecture** – Built a processor in Logisim.